रजिस्ट्री सं० डी-(डी एन)-128/89 REGISTERED NO. D-(DN)-128/89

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 26] नई दिल्ली, शनिवार, जुलाई 1, 1989 (आषाढ़ 10, 1911)
No. 26] NEW DELHI, SATURDAY, JULY 1, 1989 (ASADHA 10, 1911)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

[Notifications and Notices issued by the Patent Office relating to Patents andDesigns]

THE PATENT OFFICE

PATENTS AND DESIGNS

Calcutta, the 1st July 1989

ADDRESS AND JURISDICTION OF OFFICES OF THE PATENT OFFICE

The Patent Office has its Head Office at Calcutta and Branch Offices at Bombay, Delhi and Madras having territorial jurisdiction on a zonal basis as shown below :—

Patent Office Branch,
Todi Estates, III Floor, Lower Parel (West),
Bombay-400 013.

Telegraphic address "PATOFFICE".

The States of Gujarat, Maharashtra, and Madhya Pradesh, and the Union Territories of Goa, Daman and Diu and Dadra and Nagar Haveli.

Patent Office Branch,
Unit No. 401 to 405, III Floor,
Municipal Market Building,
Saraswati Marg, Karol Bagh,
New Delhi-110 005.

Telegraphic address "PATENTOFIC".

The States of Haryana, Himachal Pradesh, Jammu and Kashmir, Punjab, Rajasthan and Uttar Pradesh and the Union Territories of Chandigarh and Delhi.

Patent Office Branch,
61, Wallajah Road,
Madras-600 002.

Telegraphic address "PATENTOFIS".

The States of Andhra Pradesh, Karnataka, Kerala, Tamilnadu, and the Union Territories of Pondichery, Laccadive, Minicoy and Aminidivi Islands.

Patent Office (Head Office),
"NIZAM PALACE", 2nd M.S.O. Building,
5th, 6th and 7th Floor,
234/4, Acharya Jagadish Bose Road,
Calcutta-700 020.

Telegraphic address "PATENTS".

Rest of India.

All the applications, notices, statements or other documents or any fees required by the Patents Act, 1970 or the Patents Rules, 1972 will be received only at the appropriate Offices of the Patent Office.

Fees :—The fees may either be paid in cash or may be sent by Money Order or Postal Order, payable to the Controller at the appropriate Offices or by bank draft or cheque, payable to the Controller drawn on a scheduled bank at the plase where the appropriate office is situated.

पेटेंट कार्यालय

एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 1 जुलाई 1989

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा बम्बई, दिल्ली एवं मद्रास में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेंट कार्यालय शाखा, टोडी इस्टेट, तीसरा तल,
लोअर परेल (पश्चिम),
बम्बई—400013 ।

तार पता—"पेटोफिसे"

पेटेंट कार्यालय शाखा,
एनक सं० 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली—110005 ।

तार पता—"पेटेंटोफिक"

पेटेंट कार्यालय शाखा,
61, वालाजाह रोड,
मद्रास—600002 ।

तार पता—"पेटोफिसे"

पेटेंट कार्यालय (प्रधान कार्यालय),
निजाम पैलेस, द्वितीय बहुतलीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस रोड,
कलकत्ता—700020 ।

तार पता—"पेटेंट्म"

गुजरात, महाराष्ट्र तथा मध्य प्रदेश राज्य क्षेत्र एवं संघ शासित क्षेत्र गोआ, दमन तथा दिव एवं दादरा और नगर हवेली ।

हरियाणा, हिमाचल प्रदेश, जम्मू तथा कश्मीर, पंजाब, राजस्थान तथा उत्तर प्रदेश राज्य क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ तथा दिल्ली ।

आंध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु राज्य क्षेत्र एवं संघ शासित क्षेत्र पाण्डिचेरी, लक्षद्वीप, मिनिकाय तथा एमिनिदिवि द्वीप ।

भारत का अवशेष क्षेत्र ।

पेटेंट अधिनियम, 1970 या पेटेंट नियम, 1972 में अपेक्षित सभी आवेदन पत्र, सूचनाएं, विवरण या अन्य प्रलेख पेटेंट कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क:—शुल्कों की अदायगी या तो नकद की जाएगी अथवा उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा डाक आदेश या जहां उपयुक्त कार्यालय अवस्थित है; उस स्थान के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चेक द्वारा की जा सकती है ।

REGISTRATION OF PATENT AGENTS

The following person has been registered as Patent Agent :—

Ayyagari V. S. Rama Sarma,
5, Tara Road, Flat-6,
Calcutta-700 026.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE, 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20.

The dates shown in the crescent brackets are the dates claimed under section 135, of the Patents Act, 1970.

The 24th May 1989

397/Cal/89. Walter Becker GMBH. "An Outfit for Earth Works held by A Vehicle, in particular for the Drift Mining, in particular a Shovel Dozer".

398/Cal/89. Mcneil-Ppc, Inc. "Intermittent Bat Wing Adhesive System for Sanitary Napkins".

399/Cal/89. Kerr-McGee Chemical Corporation. Improved process for recovering Acidic Gases.

400/Cal/89. Holec Systemen En Componenten B. V. Screen printing device for Cylindrical objects.

The 25th May 1989

401/Cal/89. Robert Peng Kwan Leet. Controlled Release Fertilizzer. (Dt. 25-5-1988 to 13-12-1988) both Australia.

402/Cal/89. Cenefill Pty. Ltd. Methods of Construction and Implements Therefor. (Dt. 25-5-1988, 03-6-1988 & 18-8-1988) bot Australia.

403/Cal/89. Conoco Speciality Products Inc. Cyclone Separator Apparatus.

404/Cal/89. Kramtorasky Industrialny Institut Proizvodstvennoe Obiedinenie, "Nevsky Zavod" Immeni V. I. Lenina Proizvodstvennoe Obiedinenie "Novokramatorsky Mashinoshroilelny Zavod". "Unbalance vibrator".

The 26th May 1989

405/Cal/89. Hoechst Celanese Corporation. Polyester film primed with an Aminofunctional silane, and film Laminates thereof.

406/Cal/89. Hoover Universal, Inc. Blow molded bottle with improved support and Strength Characteristics.

407/Cal/89. General Electric Company. Core and Coil assembly for a transformer having an Amorphous Steel Core and method of making said assembly.

408/Cal/89. Bethlehem Steel Corporation. Method and system for dimensional and weight measurements of articles of manufacture by Computerized Tomography.

409/Cal/89. International Minerals & Chemical Corporation. A process for the production of silicon or ferrosilicon in an electric low shaft furnace and raw material.

The 29th May 1989

410/Cal/89. Narayan Chandra Acharyya. A Machine to prevent smoke.

411/Cal/89. Dr. Mihir Sen. A process for improving the physical and structural characteristics of metal castings, forgings and rollings based on titanium and titanium based alloys.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, IIIRD FLOOR, KAROL BAGH, NEW DELHI-110005.

The 1st May 1989

381/Del/89. Poludniowy Okreg Energetyczny Katowice Elektrownia Laziska and an other., "Method and automatic optimization system of combustion processes in thermal objects".

382/Del/89. Colgate Palmolive Co., "A concentrated non-aqueous liquid heavy duty detergent composition". [Divisional date 24th July, 1986].

383/Del/89. Wisconsin Alumni Research Foundation, "A process for the preparation of vitamin D compounds".

384/Del/89. Wisconsin Alumni Research Foundation, "A process for preparing vitamin D compounds".

385/Del/899. Wisconsin Alumni Research Foundation, "A process for preparing vitamin D compounds".

386/Del/89. Union Rheinische Braunkohlen Kraftstoff AG., "Process for the production of pure dimethylether".

387/Del/89. Latviskaya Selskokhozaistvennaya Akademia. "Apparatus for automatically metering milk drawn by a milker".

388/Del/89. Kamyr Aktiebolag, "A method of preparing a pulp".

The 2nd May 1989

389/Del/89. Motorola Inc, "Portable radiotelephone with control switch disabling".

390/Del/89. De La Rue Giori S. A., "Wed-fed printing machine for rectoverso printing especially of banknotes".

391/Del/89. De La Rue Gioro S. A., "Multi-color rotary printing machine for simultaneous recto-verso printing".

392/Del/89. De La Rue Giori S. A., "Convertible multicolor printing machine especially for the printing of banknotes".

393/Del/89. De La Rue Giori S. A., "Convertible multicolor printing machine for the recto-verso printing of especially banknotes".

The 3rd May 1989

394/Del/89. Steel Authrity of India Ltd., Research and development centre for iron and steel, "An improved method of adding aluminium to molten steel for deoxidation of the latter".

395/Del/89. Toyo Engineering Corporation, "Catalyst for steam reforming".

396/Del/89. Alcatel Cit, "turbomolecular pump".

397/Del/89. The Uniroyal Goodrich Tire Co., "Second stage tire building machine and method".

398/Del/89. Bayer Aktiengesellschaft, "Process for the preparation of oligomeric 2, 2, 4-trimethyl-1, 2, dihydroquinoline".

The 4th May 1989

399/Del/89. The Lubrizol Corporation, "A process for making a water dispersible reaction product".

[Divisional date 25th July, 86].

400/Del/89. Louis Paul Ellgass, "Non-reusable syringe".

The 5th May 1989

401/Del/89. Kul Bhushan Lall Wadhwa, "Flushing valve".

402/Del/89. J. Devasundaram, "Means for the driven rear wheels of a vehicle".

403/Del/89. R & C Products Pty. Ltd., "Dispenser" (Convention date 5th May, 1988) (Australia).

404/Del/89. Conventry City Council & arther, "Internal combustion engine". (Convention date 7th May, 88 and 24th April, 1989) (U.K.).

APPLICATIONS FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATE, 3RD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WEST), BOMBAY-400 013

The 09h May 1989

121/Bom/89. Yashawant Shankar Karve. An improved plastic injection moulding machine.

122/Bom/89. Radhey Mohan Srivastava. Self closing water tap with automatic hydrant sealing device.

123/Bom/89. Anand Govind Bhole. Static Flocculator (SFI).

The 11th May 1989

124/Bom/89. Hindustan Lever Limited. Cosmetic Composition. 13th May, 1988, Gr. Britain.

125/Bom/89. Hindustan Lever Limited. Cosmetic Composition. 13th May, 1988, Gr. Britain.

The 12th May 1989

126/Bom/89. Dhananjay Gokuldas Fadte. Child's sex selection methods and matters and principles of Male sex and female sex of Hinduism (Indian) Origin).

127/Bom/89. Zagyansky Yuly. Structure of IgG plus antigen and complement its machanisms and its important consequences.

128/Bom/89. Girish Kaushik. A dropper nozzle with pilfer resistant closure for bottle or like container.

The 15th May 1989

129/Bom/89. Vinayak Ramdas Sutar. Rubicon-electronic rechargereable tourch.

The 16th May 1989

130/Bom/1989. Hindustan Lever Ltd. Detergent Composition. 17 May, 1988; Great Britain.

131/Bom/1989. Hindustan Lever Ltd. Process for the hydrogenation of higher nitriles to amines. 17 May, 1988; Great Britain.

The 18th May 1989

132/Bom/1989. Hindustan Lever Ltd. Oral Compositions. 19 May, 1988. Great Britain.

133/Bom/1989. Hindustan Lever Ltd. Oral Compositions. 19 May, 1988. Great Britain.

134/Bom/1989. Hindustan Lever Ltd. Oral Preparations. 19 May, 1988. Great Britain.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002.

The 8th May 1989

354/Mas/89. Gersan Establishment. Sensing a narrow frequency band of radiation and gemstones.

355/Mas/89. Gersan Establishment. Identifying gemstones. (May 6, 1988; Great Britain).

356/Mas/89. Gersan Establishment. Identifying the position of objects or zones. (May 6, 1988; Great Britain).

357/Mas/89. Gersan Establishment. A method of identifying individual objects or zones. (May 6, 1988; Great Britain).

358/Mas/89. Gersan Establishment. Identifying gemstones. (May 6, 1988; Great Britain).

359/Mas/89. Gersan Establishment. A method of identifying specific objects or zones. (May 6, 1988; Great Britain).

360/Mas/89. Jaromir Vaclav Drazil. Material Tandling Machine. (May 9, 1988; United Kingdom).

The 9th May 1989

361/Mas/89. Institut Francais Du Petrole. A device for the pneumatic injection of fuel into a cylinder for an internal combustion engine.

362/Mas/89. Institut Francais Du Petrole. A method of pneumatic fuel injection into a cylinder of a reciprocating internal combustion engine and a corresponding pneumatic injection device.

363/Mas/89. Institut De Recherches De La Siderurgie Frandaise (IRSID). Process for cooling a continuously cast metal product.

364/Mas/89. Macrovision Corporation. Method and apparatus for encrypting and recrypting time domain signals.

365/Mas/89. The Perkin-Elmer Corporation. High velocity powder thermal spray gun and method.

366/Mas/89. The Dow Chemical Company. Process for the preparation of a coupled aromatic compound.

The 10th May 1989

367/Mas/89. Vasu Runjan Jothyshalayam Bose. Rubber tapping aid for rainy seasons.

368/Mas/89. J M Huber Corporation. Dyed Mineral pigments and applications.

369/Mas/89. Mobace B. V. Spray head for an aerosol container.

370/Mas/89. Minnesota Mining and Manufacturing Company. Sheet Material for forming the loop portion for hook and loop fasteners.

371/Mas/89. Minnesota Mining and Manufacturing Company. System and method with passiv resonant circuit markers for locating buried electrical conductors.

372/Mas/89. Hermann Ruf. Orthopaldic exercise frame.

373/Mas/89. Institut Armand-Frappier. Integrated process for the production of food, feed and fuel from biomass. (Divided out of Patent Application No. 642/MAS/87).

The 11th May 1989

374/Mas/89. Veera Ashwini Kumar. Spring-friction brake mechanical door closer device.

375/Mas/89. Union Carbide Corporation. Process for the preparation of random copolymers.

376/Mas/89. Union Carbide Corporation. Process for the preparation of Random copolymers.

377/Mas/89. Arlin C Lewis. Method of manufacturing combustible gaseous products.

378/Mas/89. Tenfjord A. S. Hydraulic Actuator.

The 12th May 1989

379/Mas/89. Nanjundanaik Nagendra & Karnataka State Financial Corporation. Improved electrochemical porcess for the manufacture of paracetamol from nitro benzene.

380/Mas/89. Degesch GMBH. Method and means for preventing or delaying undesired phosphine levels. (May 14, 1988; Great Britain).

381/Mas/89. Caterpillar Inc. Internal combustion engine noise reduction plate. (November 8, 1988; Canada).

382/Mas/89. Hoechst Aktiengesellschaft. Method for determining the degree of conversion in the polymerization of monomers in a liquid dispersion.

OPPOSITION PROCEEDINGS

The opposition entered by M/s. Khaitan (India) Ltd., Calcutta formerly known as Khaitan Fans Private Ltd. to the grant of a patent on application No. 153997 made by M/s. Crompton Greaves Ltd., Bombay as notified in the Gazette of India, Part III, Section 2 dated 27th April, 1985 has been dismissed and a patent has been ordered to be sealed on the application subject to the amendment of the complete specification.

CLAIM UNDER SECTION 20(1) OF THE PATENTS ACT, 1970

The claim made by VFR, INC under Section 20(1) of the Patents Act, 1970 to proceed the application for Patent No. 162156 in their name has been allowed.

PATENTS SEALED

152038 161190 163285 163304 163374 163408 163532
163535 163566 163576 163582 163607 163626 163643
163650 163653 163655 163663 163666 163667 163672
163676 163677 163689 163693 163714 163720 163730
163733 163735 163740 163753 163755 163762 163764
163765 163766 163767 163768 163771.

CAL — 24
DEL — 9
BOM — 2
MAS — 5

NO PATENTS

149055 150392 154367 161837 161587.

NUMBER PATENTS SEALED MONTHWISE FROM 1ST FEBRUARY,1989 TO 31ST MAY, 1989

	FEB.	MAR.	APR.	MAY
INDIAN:	25	42	38	39
FOREIGN;	107	180	131	135
TOTAL ;	132	222	169	174

RENEWAL FEES PAID

145110 147610 148535 148592 148868 148891 149038
149823 150301 150509 150555 150556 150790 151061
151228 151312 151604 151948 152170 152565 152601
152657 152680 153020 153021 153108 153268 153338
153350 153744 153967 154362 154432 154463 154472
154626 154810 155119 155727 155803 156296 156393
156697 156864 157353 158109 158216 158399 158382
158679 158792 159035 159052 159491 159790 160083
160811 160813 160817 160818 160847 161033 161034
161128 161221 161816 162110 162599 162794 162848
163112 163333 163340 163351 163358 163376 163434
163456 163523 163661.

NAME INDEXES OF APPLICANTS FOR PATENT FOR THE MONTH OF AUGUST, 1988 (NOS. 636/Cal/88 TO 732/Cal/88, 215/Bom/88 TO 250/Bom/88, 548/Mas/88 TO 613/Mas/88 AND 655/Del/88 TO 745/Del/88).

Name & Appln. No.

G

A. AHLSTROM CORPORATION.—575/Mas/88.

Aardelite Holding BV.—604/Mas/88.

Abnkamerica Corporation.—666/Cal/88.

Adolf Herbert Astor Zielinski.—644/Cal/88.

Aida Engineering Ltd.—599/Mas/88.

Akebono Brake Industry Co.—608/Mas/88.

Akzo nv.—559/Mas/88.

Alcan International Limited.—665/Del/88, 709/Del/88.

Allied-Signal Inc.—657/Del/88, 684/Del/88.

American Colloid Co.—691/Del/88.

Ametex Ag.—576/Mas/88.

Amoco Corporation.—695/Del/88.

Annu Autos.—693/Del/88.

Asea Brown Boveri Aktiengesellschaft.—702/Cal/88.

Name & Appln. No.

A (Contd.)

Associated Electronics Research Foundation.—655/Del/88, 656/Del/88.

Azerbaidzhansky Nauchno-Issledovatelsky I Proektno-Konstruktorsky Institut Neftyanogo Mashinostroenia Azinamash.—679/Cal/88.

B

BASF Aktiengesellschaft.—591/Mas/88.

B. F. Goodrich Co. The.—659/Del/88, 703/Del/88, 704/Del/88, 705/Del/88.

BP Chemicals Ltd.—722/Del/88, 726/Del/88.

Bajaj Auto Ltd.—215/Bom/88.

Bajirai K.—741/Del/88.

Balasingam, C.—607/Mas/88.

Beloit Corporation.—647/Cal/88.

Belorussky Politekhnichesky Institut.—662/Cal/88.

Bespak PLC.—610/Mas/88.

Bharat Heavy Electricals Ltd.—666/Del/88,702/Del/88.

Bhatia K. B.—241/Bom/88.

Bhattacharjee S. P.—705/Cal/88.

Bhattacharyya A.—729/Cal/88.

Bindra, B.—740/Del/88.

C

Cabot Corporation.—589/Mas/88.

Canteenwalla, J. S.—232/Bom/88.

Challam, R. (Mrs.).—574/Mas/88.

Chevron Research Co.—550/Mas/88.

Chidambaram, P.—574/Mas/88.

Chief Controller of Research and Development.—668/Del/88.
COAL INDUSTRY (PATENTS) LIMITED.—723/Del/88.
Commonwealth Scientific and Industrial Research Organisation.—663/Cal/88.

Communications satellite Corporation.—703/Cal/88.

Copeland Corporation.—716/Cal/88.

CORNING GLASS WORKS.—570/Mas/88.

Council of Scientific and Industrial Research.—662/Del/88, 663/Del/88, 673/Del/88, 674/Del/88, 675/Del/88, 714/Del/88, 736/Del/88.

Crompton Greaves Ltd.—225/Bom/88.

Crucible Materials Corporation.—697/Del/88.

Cyphelly, I. J.—720/Del/88.

D

Das,B. N.—654/Cal/88.

Dasgupta, P.—229/Bom/88.

Davy Mckee Corporation.—572/Mas/88, 573/Mas/88.

Benieli & C. Officine Maccaniche SpA.—722/Cal/88.

Denny Bros. Printing Ltd.—698/Del/88.

Desai M. H.—242/Bom/88.

Desai N. N.—247/Bom/88.

Deutsche Texaco Ag.—597/Mas/88.

Name & Appln. No.

C (Contd.)

Dexter Biotechnics, Inc.—611/Mas/88.

Director, National Sugar Institute.—696/Del/88.

Donawit Gesellschaft M.b.H.—665/Cal/88.

Dongre A.—217/Bom/88.

Durametallic Corporation.—672/Cal/88.

E

E. R. Squibb & Sins, Inc.—713/Del/88.

EL Barador Holdings Pty. Ltd.—685/Cal/88.

Eaton Corporation.—657/Cal/88, 682/Cal/88, 692/Cal/88.

Eco Tec Limited.—246/Bom/88.

Elconnex Pty. Ltd.—677/Del/88.

Electricity Commission of New South Wale, The.—676/Del/88..

Engelhard Corporation.—688/Cal/88.

Enrique Bernat Fontlladosa.—715/Del/88.

Exxon Chemical Patents Inc.—743/Del/88.

F

Fantasy Toys, Inc.—675/Cal/88.

FMC Corporation.—592/Mas/88.

Fellows Corporation.—558/Mas/88.

Fidia S.p.A.—717/Cal/88.

Fosbel International Limited.—598/Mas/88.

Frigoscandia Contracting AB.—661/Cal/88.

G

GEC Mechanical Handling Ltd.—672/Del/88.

GEC Plessey Telecommunications Ltd.—661/Del/88.

Ganji C. P.—245/Bom/88.

General Electric Co.—700/Cal/88, 720/Cal/88.

General Electric Corporation.—706/Cal/88.

Georg Fischer Aktiengesellschaft.—693/Cal/88.

Ghatge Patil Industries Ltd.—234/Bom/88.

Goldstar Co. Ltd.—712/Cal/88, 713/Cal/88.

Gopal, D. G.—574/Mas/88.

Gupta M.—733/Del/88.

H

Hardy Spicer Ltd.—688/Del/88.

Hindustan Lever Ltd.—233/Bom/88, 236/Bom/88, 237/Bom/88, 238/Bom/88.

Hoechst Aktiengesellschaft.—649/Cal/88, 650/Cal/88.

Hoechst Aktiengesellschaft.—709/Cal/88, 718/Cal/88, 727/Cal/88.

Hoechst India Ltd. 220/Bom/88, 221/Bom/88, 224/Bom/88.

Hygeia Sciences, Inc.—681/Cal/88.

Name & Appln. No.

I

IDL Chemicals Ltd.—553/Mas/88.

IEL Limited.—697/Cal/88.

Imperial Chemical Industries Plc.—658/Del/88, 682/Del/88, 686/Del/88, 710/Del/88.

Indian Jute Industries.—684/Cel/88.

Indian Petrochemicals Corporation Ltd.—248/Bom/88.

Institut National De La racherche Agronomique (INRA).—609/Mas/88.

Interat om Gmbh.—669/Cal/88, 670/Cal/88.

International Business Machine Corporation.—718/Del/88.

J

Jack V. Edling.—739/Del/88.

Jacobs Manufacturing Company, The.—676/Cal/88.

Jacques Dulud.—681/Del/88.

James Haridie Irrigation, Inc.—600/Mas/88.

K

KSB Aktiengesellschaft.—719/Cal/88.

Kabelmetal Electro Gmbh.—680/Cal/88.

Kabel-und Metallwerks Gutahoffnungshutte Aktiengesellschaft.664/Cal/88.

Kabushiki Kaisha Toyota Chuo Kenkyusho.—562/Mas/88.

Kafley O. C.—687/Cal/88, 691/Cal/88.

Kanpoo Steel Co. Ltd.—595/Mas/88.

Karnataka Explosives Ltd.—218/Bom/88.

Khaskel S. R.—660/Cal/88.

Klein, Schanzlin & Becker Aktiengesellchaft.—637/Cal/88.

Kourab S. S.—235/Bom/88.

Krone Aktiengesellschaft.—725/Cal/88.

Kulkarni S. S.—250/Bom/88.

Kumar, P.—734/Del/88, 735/Del/88.

Kurup P. A. Dr.—563/Mas/88.

Kurup P. G. Dr.—563/Mas/88.

L

LUC Janssens.—730/Del/88, 731/Del/88.

Laboratories Delagrange.—556/Mas/88.

Lanxide Technology Company LP.—656/Cal/88, 659/Cal/88.

Name & Appln. No.

L (Contd.)

Lesbar Pty. Ltd.—660/Del/88.

Liberty Technology Center, Inc.—692/Del/88.

Linotype Ltd.—683/Del/88.

Lipha, Lyonnaise Industrielle Pharmaceutique.—728/Del/88.

Loram Maintenance of Way, Inc.—728/Cal/88.

Lowara SPA.—719/Cal/88.

Lubrizol Corporation, The.—669/Del/88, 708/Del/88.

Lummus Crest Inc.—698/Cal/88.

M

M. J. Quinlan & Associates Pty. Ltd.—678/Del/88.

M & T Chemicals Inc.—636/Cal/88.

Maag Gear-wheel & Machine Co. Ltd.—724/Cal/88.

Macnaught Pty. Ltd.—729/Del/88.

Marathon Oil Co. & Tiorco Inc.—719/Del/88.

MASCHINENFABRIK RIETER AG.—567/Mas/88, 603/Mas/88.

Merck Patent Gesellschaft Mit Beschrankter Haftung.—677/Cal/88.

Metallgesellschaft. Aktiengesellschaft.—708/Cal/88.

Miles Inc.—707/Del/88.

Minnesota Mining and Manufacturing Company.—557/Mas/88, 588/Mas/88.

MOBIL OIL CORPORATION.—571/Mas/88, 577/Mas/88, 587/Mas/88.

Mukherjee H.—226/Bom/88.

N

Nagarajan N.—593/Mas/88, 552/Mas/88.

Nair P. V.—552/Mas/88, 560/Mas/88.

Nair V. P.—552/Mas/88, 552/Mas/88, 560/Mas/88.

National Research Development Corporation.—694/Del/88

Natural Environment Research Council.—565/Mas/88, 581/Mas/88.

Nayar V. P.—551/Mas/88, 552/Mas/88, 560/Mas/88.

Nederlands Omroepproduktie Bedrijf N. V.—561/Mas/88.

Norsk Hydro A. S.—716/Del/88.

Northern States Power Company.—731/Cal/88.

Norton Company.—639/Cal/88.

Novophalt Overseas S. A.—685/Del/88.

O

Octanorm Vertriebs Gmbh Fur Bauelemente.—249/Bom/88.

Olin Corporation.—664/Del/88.

Orissa Cement Ltd.—651/Cal/88, 652/Cal/88.

Owens-Corning Fiberglas Corporation.—726/Cal/88.

Name & Appln. No.

P

P. H. Glatfelter Co.—701/Cal/88.

PKA Pyrolyse Kraftanlagen Gmbh.—689/Cal/88.

PPG Industries, Inc.—699/Del/88, 738/Del/88.

Patnaik L.—692/Cal/88.

Paul Wurth S, A.—732/Del/88.

Personal Products Company.—695/Cal/88, 699/Cal/88.

Pfizer Hospital Products Group, Inc.—679/Del/88.

Pilkington Plc.—590/Mas/88.

Procter & Gamble Company, The.—724/Del/88.

Proektno-Tekhnologichesky Institut Organizatsii I Tekhnologii Stroitelstva.—668/Cal/88.

Proizvodstvennoe Obiedinenie "Nevsky Zavod" Imeni V. I. Lenina.—638/Cal/88.

Pujari P. N.—219/Bom/88.

R

R. J. Reynolds Tobacco Co.—645/Cal/88, 646/Cal/88.

Radhakrishnani G. B.—240/Bom/88.

Rajasthan Electronics & Instruments Ltd.—721/Del/88.

Ranghachary, K. A.—579/Mas/88, 582/Mas/88, 583/Mas/88, 584/Mas/88.

Rao, L. R.—548/Mas/88, 549/Mas/88.

Ratnaparkhi P. K.—227/Bom/88.

Raveendranath, K. R.—602/Mas/88.

Regulin Limited.—605/Mas/88.

S

SAINT-GOBAIN VITRAGE.—580/Mas/88.

Salplex Ltd.—744/Del/88, 745/Del/88.

S A M M-SOCIETE D'.—578/Mas/88.

Sanden Corporation.—670/Del/88.

Sandoz Ltd.—596/Mas/88, 601/Mas/88.

Sanghani S. K. Dr.—216/Bom/88.

Savva A.—732/Cal/88.

Schlotter G. Mrs.—714/Cal/88, 715/Cal/88.

Schorling Gmbh & Co. Waggonbau.—648/Cal/88.

Schubert & Salzer Maschinenfabrik Aktiengesellschaft.—569/Mas/88.

Scovill Japan Kabushiki Kaisha.—566/Mas/88.

Senanayake D. R.—686/Cal/88, 723/Cal/88.

Serata Geomechanics, Inc.—711/Cal/88.

Shah, Y. S. Mrs. Dr.—222/Bom/88.

Shamsi S. J. Md.—653/Cal/88.

Sharma O. S.—680/Del/88.

Shell Internationale Research Maatschpplj B. V.—564/Mas/88, 742/Del/88.

Shirgaonkar. M. P.—228/Bom/88.

Shridhar V. K.—243/Bom/88.

Shri Ram Institute for Industrial Research.—667/Del/88.

Name & Appln. No.

S (Contd.)

SICO Incorporated.—643/Cal/88.

Siemens Aktiengesellschaft.—658/Cal/88.

Singh P. P.—687/Del/88.

Singh S. K.—741/Del/88.

Solvay & Cie.—737/Del/88.

SOREIS.—655/Cal/88.

South-West Research Institute.—710/Cal/88.

Spetsialnoe Konstru ktorsko-Tekhnologi-cheskoe Bjuro Po Konstruirovanipu Oborudovania. I Prieborov Dlya Ochistki Promyshlennykh Stochnykh Vod "KAZMEKITANOBR".—671/Del/88.

Sree Chitra Tirunal Institute.—586/Mas/88.

Staedtler & Uhl.—690/Cal/88.

State of Israel.—555/Mas/88.

Sudam L. H.—244/Bom/88.

SUMITOMO ELECTRIC INDUSTRIES Ltd.—568/Mas/88.

Sumitomo Metal Industries, Ltd.—595/Mas/88.

System Stecko Ltd.—554/Mas/88.

T

Takeda Chemical Industries, Ltd.—594/Mas/88, 612/Mas/88, 613/Mas/88.

Tasgoankar G. S.—671/Cal/88.

Tata Research Development and Design Centre.—230/Bom/88, 231/Bom/88.

Thakur S. M.—223/Bom/88.

Tri-Steel Industries Inc.—606/Mas/88.

Tsentralnaya Opytno-Metodicheskaya Expeditsia Obiedinenia "ROSSPETSGEOLOGIA".—707/Cal/88.

Name & Appln. No.

U

Union Carbide Corporation.—617/Mas/88, 700/Del/88, 701/Del/88, 725/Del/88.

Uniroyal Chemical Co., Inc.—717/Del/88, 727/Del/88.

University of Sydney, The.—676/Del/88.

Ustav Pro Vyzkum Rud Mnisek Po Brdy.—667/Cal/88.

V

Vaidyanathans L. G. I.—565/Mas/88.

Venkatesan S.—706/Del/88.

Verma S. P.—239/Bom/88.

Victory Gas Alarm Co.—678/Cel/88.

Vitebsky Tekhnologichesky Institut Legkoi Promyshlennosti USSR.—683/Cal/88.

Voest-alpine Stahl.—665/Cal/88.

Vsesojuzny-Nauchno-Issledovatelsky Institut Zolota I Redkikh Mettalov.—673/Cal/88, 674/Cal/88.

Vsesojuzny Nauchno-Issledovatelasky I procktny Institut Aljuminievoi, Magnievoi I Elektrodnoi Promyshlennosti—690/Del/88.

W

W. Haking Enterprises Limited.—704/Cal/88.

Warner-Lambert Co.—689/Del/88.

Washington University Technology Associates.—696/Cal/88.

Westinghouse Electric Corporation.—640/Cal/88, 641/Cal/88, 642/Cal/88, 730/Cal/88.

Wilkinson Sword Gesellschaft Mit Bescharankter Haftung.—711/Del/88, 712/Del/88.

Y

Yeda Rescearch and Development Co., Ltd.—721/Cal/88.

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स्वीकृत सम्पूर्ण विनिदेश

एतद्द्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदनों में से किसी पर पेटेंट अनुदान का विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से 4 महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम 1972 के तहत विहित प्रपत्र 1 1 पर आवेदित एक महीने की अवधि से अधिक न हो के भीतर कभी भी नियंत्रक, एकस्व को ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध सम्बन्धी लिखित वक्तव्य: उक्त सूचना के साथ अथवा पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

"प्रत्येक विनिर्देश के संदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप हैं।"

नीचे सूची गत विनिर्देशों की सीमित संख्यक में मुद्रित प्रतियाँ, भारत सरकार बुक डिपो, 8, किरण शंकर राय रोड, कलकत्ता में विक्रय हेतु यथा समय उपलब्ध होंगी। प्रत्येक विनिर्देश का मूल्य 2/- रु० है। (यदि भारत के बाहर भेजे जाएं तो अतिरिक्त डाक खर्च)। मुद्रित विनिर्देश की आपूर्ति हेतु मांग पत्र के साथ निम्न-लिखित सूची में यथा प्रदर्शित विनिर्देशों की संख्या संलग्न रहनी चाहिए।

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की टंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता द्वारा विहित लिप्यान्तरण प्रभार (उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरांत उसकी अदायगी पर की जा सकती है। विनिर्देश की पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 4 से गुणा करके; (क्योंकि प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 4/- रु० है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

CLASS : 155-A. 164891

Int. Cl. : B 05 c 1/00.

A SHAPED ARTICLE SUCH AS A FIBROUS WEB AND METHOD OF MAKING THE SAME.

Applicant : LANTOR BV, OF VERLAAT 22, 3901 RG VEENENDAAL, THE NETHERLANDS.

Inventors : ADAM PAUL GEEL.

Application No 58/Cal/1986 filed January 27, 1986.

Appropriate Office for Oppsition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A shaped article such as a fibrous web provided with micro spheres disposed mainly within said web and arranged in a pattern characterized in that the areas of the web which contain microphores are separated from each other by areas which contain virtually no microspheres.

Compl. speen. 23 pages. Drg. Nil

2—137GI/89

CLASS : 88-A, D -| 164-A 164-C |- 201-C. 164892

Int. Cl. : C 12 b 1/00; C 02 c 1/00, 1/14.

A COVER AND GAS COLLECTION SYSTEM FOR USE WITH A FERMENTATION POND.

Applicant : ADI LIMITED, OF 1115 REGENT STREET, FREDERICTON, NEW BRUNSWICK, CANADA, E3B 3Y2, CANADA.

Inventors (1) CLAUDE LEGARIE (2) ALBERT COCCI (3) ROBERT LANDINE.

Application No. 63/Cal/86 filed January 28, 1986.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

17 Claims

A cover and gas-collection system for use with a fermentation pond comprising :

a gas-impermeable membrane resistant to the elements and resistant to chemical deterioration by both the contents of the pond and any biogas generated by fermentation in the pond, the membrane overlying substantially the full surface of the pond;

a biogas collection conduit positioned at the surface of the pond and under the membrane;

weight means positioned so as to urge the membrane downwardly along a plurality of lines separated from each other and a plurality of rows of floats positioned between adjacent lines of weight means so as to define between the lines a plurality of channels along which biogas can pass to the collection conduit;

the floats supporting off the surface of the pond the portions of the membrane adjacent the floats, to ensure that the membrane if ruptured will not sink, and

aspirating means for exhausting the gaseous contents of the collection conduit.

Compl. speen. 10 pages. Drgs. 5 sheets

CLASS : 32-E. 164893

Int. Cl. : C 08 f 3/00 Q 1/28.

PROCESS FOR PREPARING THERMICAL OLEFINIC POLYMERS.

Applicant : HIMONT INCORPORATED, 1 MARKET STREET WILMINGTON, DELAW UNITED STATES OF AMERICA.

Inventors : 1. FRANCO SEVINI, 2. LUCI STI.

Application No. 65/Cal/86 filed January 30

Appropriate Office for Opposition Proceedin Patents Rules, 1972) Patent Office, Calcutta.

9 Claims

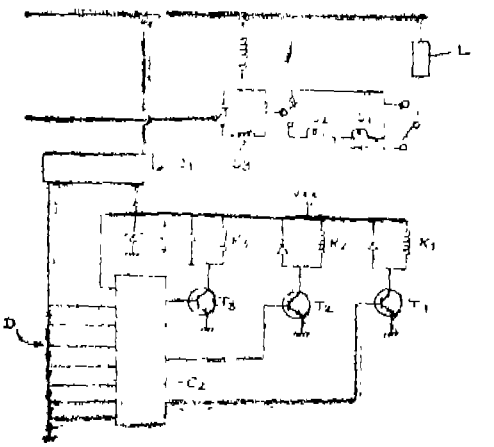
A process for the manufacture of thermally polymers, which polymers are obtained by mear comprising an Al-alkyl compound and a soli containing a titanium compound supported on halide or a tetravalent titanium compound su rivalent titanium halide having a surface area 50m²/g, and optionally an electron donor comp ed on said supports, which process consists in : polymerization slurry, during polymerization or

the polymerization a hindered amino compound containing in the molecule one or more piperidinic groups that may be represented by the general formula I as shown in the accompanying drawings, wherein : R_1, R_2 may be alkyl radicals containing from 1 to 4 carbon atoms, or rings of 2, 2, 6, 6, -tetramethylpiperidine or, together, they may form with the piperidinic carbon atom they are bound to, a cycloalkyl group containing from 5 to 10 carbon atoms, R_3, R_4 = alkyl radicals containing from 1 to 18 carbon atoms or, together, they form, with the piperidinic carbon atoms they are bound to, a cycloalkyl group containing from 5 to 10 carbon atoms,

R_5, R_6, R_7, R_{11}, RZ = hydrogen, or an organic radical, preferably a C_1 - C_{18} alkyl, C_3 - C_{12} alkenyl, C_7 - C_{15} aralkyl radical.

Compl. speen 33 pages. Drgs. 13 sheets

lines which are connected in series with a load so as to provide the regulated voltage to the load.



Compl. speen. 9 pages. Drg. 1 sheet

CLASS : 68-E-1. 164894

Int. Cl. : G 05 f 1/10.

A VOLTAGE STABILIZER.

Applicant : KAMESHWAR/PATRALEKH, M/S. DEPARTMENT OF ELECTRICAL ENGINEERING, BHAGALPUR COLLEGE OF ENGINEERING, SABOUR, BHAGALPUR-813210, BIHAR.

Inventors : KAMESHWAR PATRALEKH.

Application No. 224/Cal/86, filed March. 19, 1986.

Appropriate office for opposition poceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

2 Claims

An A. C. voltage stabilizer comprising :

a control circuit and a power circuit;

said control circuit consisting of a 3-bit analogue to digital (A/D) converter IC chip;

wherein the input voltage is first stepped down and converted to DC voltage by an AC to DC converter;

the constant reference voltage from the output of the said AC to DC converter being fed to a reference input terminal of the said A/D converter;

the varying input signal from the AC to DC converter being fed to another input terminal of the said A/D converter through a voltage divider arrangement;

the output of the said A/D converter being fed to a plurality of relays through driving transistors, and a transformer with its windings in the form of segments connected in autotransformer fashion, which segments are adapted to be connected to one another in a plurality of different combinations by contacts of said relays to inject a regulating voltage in supply

CLASS : 129-G. 164895

Int. Cl. : B 23 d 36/00.

CUTTING PROCESS CONTROL SYSTEM FOR CNC METAL CUTTING MACHINE TOOLS.

Applicant : KIEVSKY POLITEKHNICHESKY INSTITUT IMENI 50-LETIYA VELIKOI OKTYABRSKOI SOTSIALISTICHESKOI REVOLJUTSII, OF KIEV, PROSPEKT POBEDY, 37, USSR.

Inventors : 1. SERGEI DANILOVICH KOLOMEETS, 2. ALEXEI JURIEVICH KRIVOSHLYKOV, 3. VLADIMIR ALEXANDROVICH OSTAFIEV, 4. GRIGORY SEMENOVICH TYMCHIK.

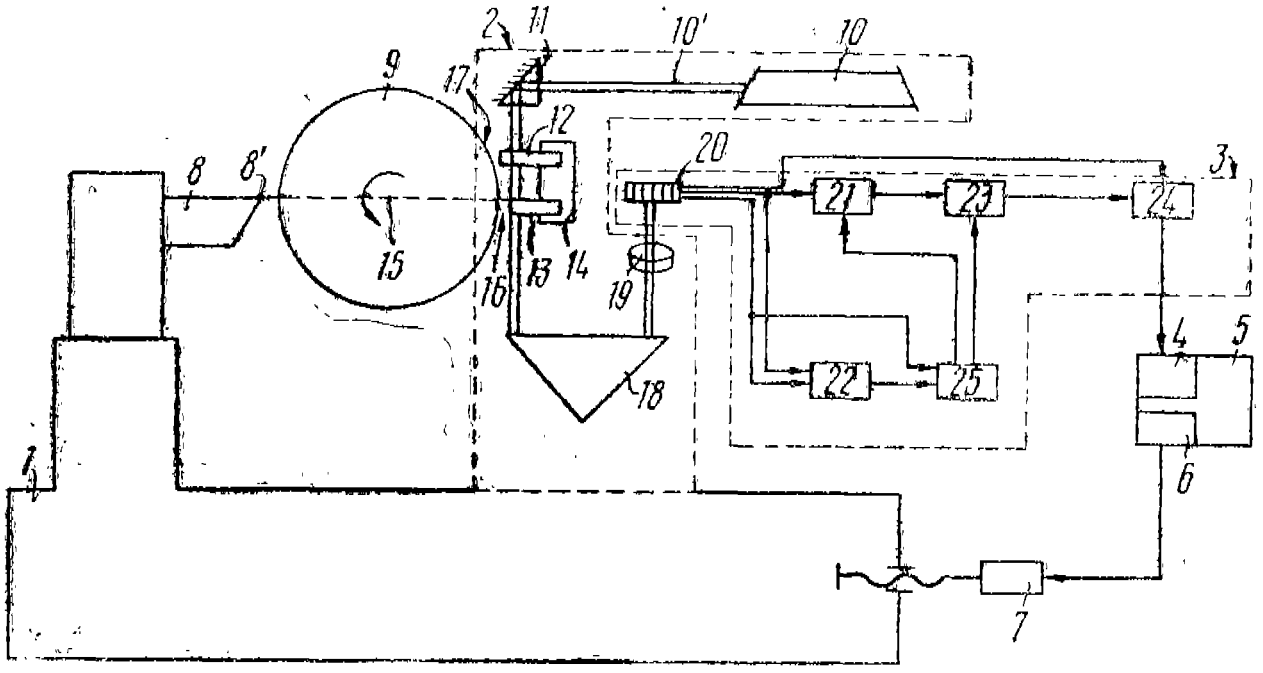
Application No. 234/Cal/86 filed March 21, 1986.

Appropriate office for opposition poceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

1 Claims

A cutting process control system for CNC metal cutting machine tools, wherein an optical transducer mounted on a carriage of a metal cutting machine tool in the zone of movement of a machining tool comprises a laser, a narrow-field slit diaphragm mounted in the path of radiation beam of the laser, a reference half plane extending in the plane of the axis of rotation of a workpiece on the side opposite to the apex of the cutting wedge of the tool with respect to the workpiece so as to define with the profile surface of the workpiece an optionally transparent slit, a Fourier lens, and an electronic interface unit connected to the input of a CNC device, the length of the reference half plane being equal to the nipping radius of the laser beam of the laser ensuring a two-mode generation, the electronic interface unit comprising an image reciever, a memory, a switching circuit, an analog-to-digital converter, a differentiating circuit, and a pulse former, one output of the image receiver being connected to one input of the analog-to-digital converter, another output being connected to one input of the memory and to one input of the differentiating circuit having another input connected to the remaining output of the image receiver and to

one input of the pulse former having another input connected to the output of the differentiating circuit and outputs connected to the remaining input of the memory and to one input of the switching circuit having its another input and the output connected to the output of the memory and to another input of the analog-to-digital converter, respectively.



Compl. specn. 17 pages. Drgs. 4 sheets

CLASS : 32-A_1 & 62-C_1. 164896

Int. Cl. : C 09 b 27/00 & D 06 p 1/00.

PROCESS FOR PREPARING WATER INSOLUBLE AZO DYES ON THE BIBER.

Applicant : HOECHST AKTIENGESELLSCHAFT, D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

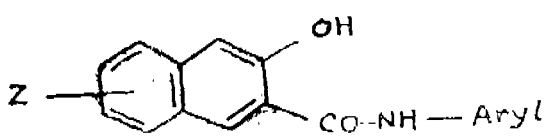
Inventors : 1. HASSO HERTEL, 2. KLAUS HUNGER, 3. HEINRICH FROLICH.

Application No. 239/Cal/86 filed March 24, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 Claims

A process for the preparation of a water-insoluble disazo dyestuff on the fiber, in particular on the cellulose fiber, according to an azoic dyeing method by which a fiber material which has been impregnated with a coupling component is brought into contact with the diazonium compound of an aromatic amino compound in aqueous medium for coupling, which comprises treating said fiber material which has been impregnated with an aqueous, alkaline solution of a compound conforming to the general formula (2) of the accompanying drawings



in which Z stands for a hydrogen atom or a halogen atom or an alkoxy group of 1 to 4 carbon atoms and Aryl denotes a phenyl radical or a 1-naphthyl radical which may be substituted by 1, 2 or 3 substituents from the group consisting of halogen, nitro , alkyl of 1 to 4 carbon atoms and alkoxy of 1 to 4 carbon atoms, in aqueous medium at a pH between 4 and 10 with the bisdiazonium compound of an aromatic diamino compound conforming to the general formula (1) in which R is a straight-chain or branched alkyl group of 3 to 5 carbon atoms or a (C_1 -C_3) -alkoxy-(C_2-C_4)-alkyl group having straight-chain and/or branched alkyl groups of in total 3 to 5 carbon atoms in order to promote the coupling reaction and dye formation on the fiber.

Compl. specn. 23 pages. Drg. 1 sheet

CLASS : 32-A_1 & F_2 (a); 62-C_1.; 164897

Int. Cl. : C 07 c 15/14; C 09 b 31/00.

PROCESS FOR PREPARING 4, 4'-DIAMINODIPHENYL COMPOUNDS.

Applicant : HOECHST AKTIENGESELLSCHAFT, D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

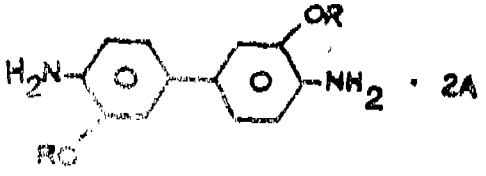
Inventors : 1. KLAUS HUNGER, 2. HEINRICH FROLICH, 3. HASSO HERTEL, 4. KURT CONRAD HABIG.

Application No. 240/Cal/86 filed March 24, 1986.

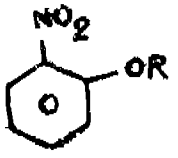
Appropriate office for opposition poceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 Claims

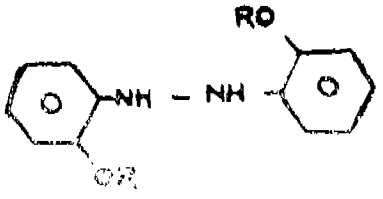
A process for preparing a compound of the formula I of the accompanying drawings



in which R is an n-butyl, isopentyl or phenyl group and A is equal to zero or one equivalent of an inorganic acid, which comprises reducing a compound of the formula II



in which R has the meaning mentioned in the compound of the formula I in an alkaline medium analogously to known reductions with zinc dust, sodium amalgam, hydrogen in the presence of metal catalyst or electrolytically to the componud of the formula III



in which R has the meaning mentioned in the compound of the formula I, then treating with an acid selected from the group consisting of (i) mineral acids in aqueous or aqueous-alcholic solution or (ii) hydrogen chloride in organic solvents or stron organic acids, and isolating the rearrangement product of formula I in the form of its salt by filtration and, if appropriate, purifying the salt by recrystallization and, if desired, neutralizing the salt and filtrating the rearrangement product in the form of the free diamine.

Compl. specn. 10 pages. Drg. 1 sheet

CLASS : 164898

Int. Cl. : C 09 b 35/00.

PROCESS FOR THE PREPARATION OF 4, 4'-DIAZO COMPOUNDS OF 3, 3'- DIALKOXYBIPHENYLS.

Applicant : HOECHST AKTIENGESELLSCHAFT, D-6230 FRANKFURT AM MAIN 80, FEDERAL REPUBLIC OF GERMANY.

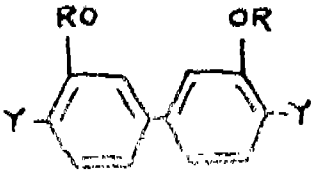
Inventors : 1. HASSO HERTEL, 2. KLAUS HUNGER, 3. HEINRICH FROLICH.

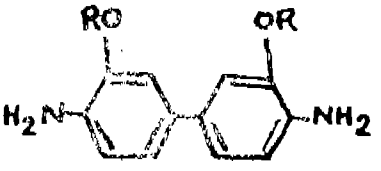
Application No. 242/Cal/86 filed March 25, 1986.

Appropriate office for opposition poceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A process for the preparation of bisdiazo compounds of the formula (1) of the accompanying drawings in which R denotes a linear or branched alkyl or alkoxyalkyl radical having a total of 3 to 5 carbon atoms and Y denotes the anti-diazotate radical -N = N-O-Me + in which Me represents a potassium or sodium atom which comprises bisdiazotizing a diamine of the formula (2)





in which R has the meanings mentioned above, in an aqueous, stron, non-oxidizing inorganic or organic acid by means of an alkali metal nitrite at temperatures from about - 10°C to about + 40°C, and converting the resulting bisdiazonium compound, in a manner known per se, into the anti-bisdiazotate of the formula (1) mentioned in which Y = - N = - O- Me + and then precipitating the product.

Compl. specn. 13 pages. Drg. 1 sheet

CLASS : 35-E. 164899

Int. Cl. : C 04 b 35/00.

METHOD FOR THE MANUFACTURE OF CASTABLE REFRACTORY.

Applicant : ORISSA CEMENT LIMITED, RAJGANGPUR-770017, DIST.-SUNDARGARH, ORISSA, INDIA.

Inventors : 1. JAI NARAIN TIWARI, 2. RAVINDER KUMAR JHA.

Application No. 318/Cal/86 filed April 24, 1986.

Appropriate office for opposition poceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A method for the manufacture of castable refractory which comprises first intimately mixing (a) 80—90 parts by wt. of fireclay and/or fused and/or sintered high alumina material as herein described, (b) 3 to 10 parts by wt. of micronised alumina, zircon and silica or any mixture thereof as herein described and (c) 4 to 10 parts by wt. of calcium aluminate cement to obtain a solid mixture, and then adding to this mixture, as the liquid component, a mixture of (d) upto 10 parts by wt. of silica and/or collidal silica and (e) chrome-alumino-phosphate additive in an amount of 0.01—1% by wt. of the total mixture, immediately prior to casting.

Compl. specn. 5 pages. Drg. Nil

CLASS : 98-E. 164900

Int. Cl. : H 05 b 3/03.

A SHOCK PROOF ELECTRIC WATER HEATER WITHOUT A SAFETY VALVE.

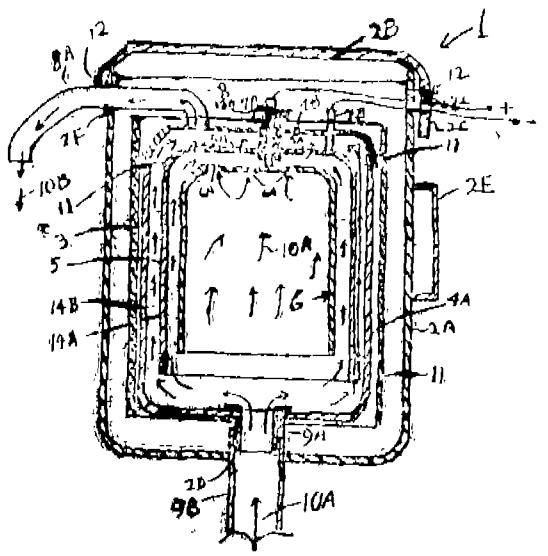
Applicant & Inventor : SUNIL JAYANT DEODHAR, C/O. MR. A. K. SINHA, 16, SASTITALA ROAD, CALCUTTA-700011, INDIA.

Application No. 433/Cal/86 filed June 10, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcuta.

8 Claims

A shockproof intent water heater gayser without a safety valve which comprises an electrically and thermally inulated outer container with a lid, an inner metal container placed inside the said outer container, an opening provided on one side near the top of the said outer container for passage therethrough of an outlet pipe for descharge of hot water therefrom, an opening provided in the bottom centre of the outer container for the passage therethrough of an inlet pipe of the said inner container characterised in that the said inner container houses of a pair of annularly spaced cup-shaped heating elements made of carbon or metal, said heating elements being provided with spaced holes in staggered relation with each other to form labynth passages for water to flow from the inlet side therethrough to the outlet in side adjustableid which also has an opening in its top centre for passage therethrough for an insulated terminal post connecting one heating element to phase line and another terminal post integral with the said detechable lid and then connecting the other heating element to the negative line of electric mains supply the inner container is electrically insulated by a rectangular sheath of hard rubber or plastic material and a clamp is provided on the wall of the outer container for suspending the heater from a wall bracket.



Compl. specn. 11 pages. Drg. 1 sheet

CLASS : 40 E. 164901

Int. Cl. : B 01 d 1/00 to 7/00.

COUNTER-CURRENT CONTACTING DEVICE.

Applicant : FLAVOURTECH PTY. LTD., c-/- HIGGINS PLOSS & CO., BANNER AVENUE, GRIFFITH, NEW SOUTH WALES 2680, AUSTRALIA.

Inventors : ANDREW JOHN McALLISTER CRAIG.

Application No. 99/Cal/1986 filed February 10, 1986.

Convention Dt. 11th Febraury 1985 (No. PG 9216) Australia.

Appropriate office for opposition proceddings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

18 Claims

1. A counter-current contacting device for distilling, fractionally distilling or sripping volatile components from a liquid such as herein described comprising :

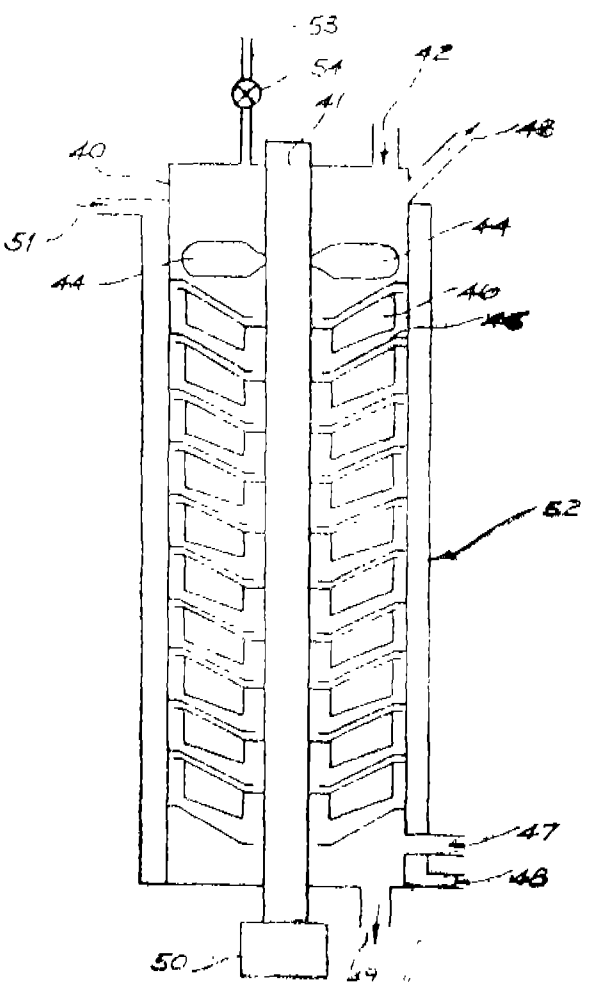
a housing having a vertical longitudinal axis;

a rotatable shaft at least partially disposed within said housing, so as to extend longitudinally thereof, and being mounted relative to said housing enabling relative vertical adjustment therebetween;

at least one inverted cone mounted on said shaft within saiad housing and having at least one fin extending outwardly from said shaft and mounted along saiad cone and extending downwardly from said cone to provide a fin distal border;

said housing having a first lower frustoconical surface over which liquid can pass and extending inwardly from the inner wall thereof and disposed so as to be approximately adjacent to said distal border and adjustable relative thereto by said relative adjusment to provide a selectivable gap; and

a motor coupled to said shaft to rotate said shaft.



Compl. specn. 36 pages. Drgs. 5 sheets

CLASS : 164902

Int. Cl. : H 02 H 7/00.

"APPARATUS FOR THE SUPERVISION OF SUDDEN PRESSURE RELAY SYSTEM IN A POWER SYSTEM NETWORK COMPRISING SAID APPARATUS".

Applicant : WESTINGHOUSE ELECTRIC CORPORATION OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH PENNSYLVANIA-15222, UNITED STATES OF AMERICA.

Inventors : (1) WALETER ALCORN ELMORE, (2) HUNG JEN LI.

Applicantion No. 102/Cal/1986 filed February 14, 1986.

Appropriate office for opposition proceddings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

1. Apparatus in a power system network of at least one phase, for the supervision of a sudden pressure relay (SPR) system which protects a power transformer in the power system network, said power transformer including a plurality of windings associate with said power system phase, said power transformer being disposed in a sealed enclosure and susceptible to internal and external faults, said SPR system operative to detect a fault condition of said power transformer and to generate a fault signal indicative thereof, said SPR system including a breaker for each of said transformer windings, said breakers operative conditionally in response to said SPR generated fault signal to isolate said transformer windings from said power system network, said SPR supervisory apparatus comprising :

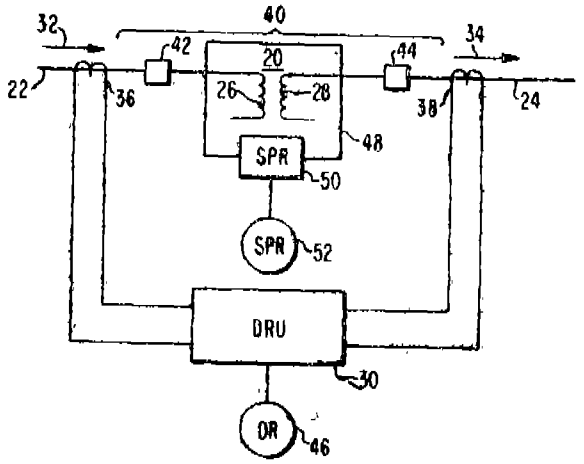
means for generating a signal for each transformer winding representative of the current thereof;

means for generating restraint signals correspondingly from said generated current representative signals;

means for selecting the generated restraint signal having the greatest amplitude;

means responsive to an event including the occurrence of said selecter restraint signal exceeding a predetermined level to block said SPR generated fault signal from operating said breakers, said blocking means being operative to relative said blocking condition when said selected restraint signal is below said predetermined level; and

means for delaying relief from said blocking condition for a predetermined time period from the occurrence of an event including said selected restraint signal rendered below said predetermined level.



Compl. specn. 22 pages. Drgs. 3 sheets

CLASS : 164903

Int. Cl. : F 42 B 3/16.

"AN INITIATING ELEMENT FOR USE IN A NON-PRIMARY EXPLOSIVE HOLLOW TUBE DETONATOR".

Applicant : (1) CHINA METALLURGICAL IMPORT AND EXPORT CORPORATION, 46 DONGSIXI DAJIE, BEIJING; (2) CHINA METALLURGICAL SAFETY TECHNOLOGY INSTITUTE, 56 BLOCK, QUIUNGSHAN, WUHAN; BOTH IN THE PEOPLES REPUBLIC OF CHINA.

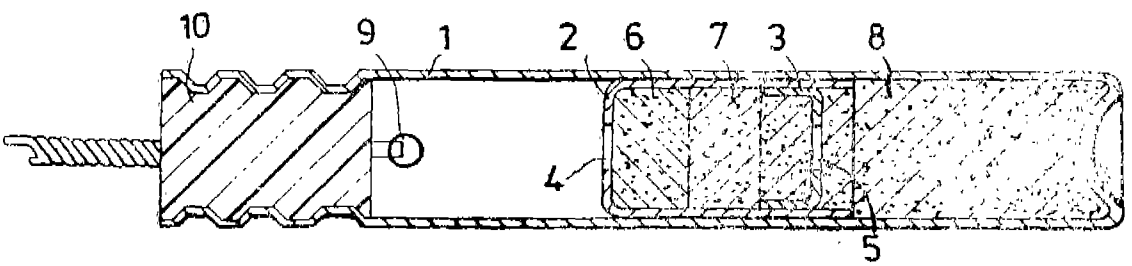
Inventors : (1) WANG QUICHENG, (2) LI XIANQUAN, (3) HU GUOWEN, (4) ZHANG XIQIN, AND (5) XU TIANRUJ.

Application No. 104/Cal/86 filed Febraury 14, 1986.

Appropriate office for opposition proceddings (Rule 4, Patents Rules, 1972) Patent Offlce, Calcuta.

20 Claims

1. An initiating element foi use in a non-primary explosive hollow tube detonator containing a secondary explosive base charge (8) to be detonated, optionally via a delay composition (6) by activating an igniting means (9, 15, 16), characterizel in that it comprises a casing (2, 3) containing a secondary initiating charge (7) and optionally a delay composition (6), the casing being thin-walled having thickness below 3 mm, preferably below 1 mm and in the end intended to be positioned towards the base charge is open or provided with a thin wall or an aperture (5), or a recess for an aperture, for the acceleration of burning of said secondary explosive initiating charge to a shock wave that causes detonation of said secondary explosive base charge, and an access preferably a hole (4), preferably at the opposite and thereof, which permits ignition of said secondary explosive initiating charge via the igniting means (9, 15, 16).



Compl. specn. 31 pages. Drgs. 2 sheets

Int. Cl. : C 07 c 69/704.. 164904

A PROCESS FOR THE PREPARATION OF CITRIC ACID ESTERS.

Applicant : RAFFINERIA OLII LUBRIFICANTI "R.O.L." S.p.A., OF 50 VIA DE NOTARIS, MILAN, ITALY.

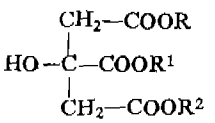
Inventors : 1. LUIGI TURCHINI, 2. SALVATORE GARLISI, 3. AURELIO ALBANINI.

Application No. 237/Cal/86 filed March 24, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 Claims

A process for the preparation of esters having formula



(I)

wherein R, R^1, R^2 equal to or different from each other, are a hydrogen atom, an alkaline or an alkaline-earth metal, an ammonium group, a cation of an organic base of ammonium, or a group having formula :

$$-An-R^3 \qquad (II)$$

wherein A is a C_2 -C_4 oxyalkylenic group, n is a number ranging between 1 and 20 and R^3 is a C_8 -C_{20} alkyl group, under the condition that at least one of said R, R^1, R^2 is an -An-R^3 group, consisting in esterfying the citric acid with an aliphatic polyoxyalkylated alcohol having formula :

$$R^3 -An - OH \qquad (III)$$

wherein R^3, A and n have the meaning given above at a temperature ranging between 150? and 190?C, with continuous removal of the reaction water and optional salification of the obtained product by means of bases of alkaline, or alkaline-earth metals, of ammonium or by means of amines.

Compl. specn. 24 pages. Drg. Nil

CLASS : 152-E. 164905

Int. Cl. : C 08 l 23/00.

POLYPROPYLENE-BASE RESIN COMPOSITION SUITABLE FOR USE IN THE PRODUCTION OR MOLDED ARTICLES.

Applicant : NITSUI TOATSU CHEMICALS, INCORPORATED, OF 2—5, KASUMIGASEKI 3-CHOME, CHIYODA-KU, TOKYO, JAPAN.

Inventors : 1. YOISHI KAWAI, 2. MASAMI MAKI, 3. MASARU ABE, 4. SACHIO YOKOTE, 5. KATSUMI SEKIGUCHI.

Application No. 241/Cal/86 filed March 24, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 Claims

A polypropylene-base resin composition suitable for use in the production of molded articles having excellent paintability, comprising a polypropylene-base resin which consists of :

(A(A propylene-base resin;

(B) 0—100 parts by weight of a thermoplastic elastomer;

(C)0—100 parts by weight of an inorganic filler;

the weight ratio of the sum of the elastomer (B) and filter (C) to the resin (A) is 1.0 or smaller and;

(D) 0.01—0.6 wt. % of carbon black based on the polypropylene-base resin (A) or the total weight of components A, B and C.

Compl. specn. 37 pages. Drg. Nil

CLASS : 70-C_2. 164906

Int. Cl. : C 22 d 3/00.

IMPROVEMENTS IN THE PROCESS FOR THE PRODUCTION OF ALUMINIUM BY ELECTROLYSIS BY THE HALLHEROULT PROCESS.

Applicant : ALUMINIUM PECHINEY, OF 23 RUE BALZAC, 75008, PARIS, FRANCE.

Inventor : 1. MICHEL LEROY.

Application No. 321/Cal/86 filed April 24, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

Process for the production of aluminium by electrolysis, by the Hall-Heroult process, characterised by the improvement wherein in order to obtain a Faraday efficiency at least equal to 94%, a regulation parameter $P = -1/D$, (dR_1/dt), expressed in micro-ohms per second and per % in weight per hour, is determined, where D is the fluctuation in the alumina content of the electrolytic bath, expressed in % by weight per hour and 'R' is the internal resistance of the cell, 't' is the time and following operations are carried out in a repeated cycle for achieving a low alumina content of between 1 and 4.5% in a cell.

(a) The cell is fed at a nominal rate 'CN' such that the quantity of alumina supplied to the bath is substantially equal to the quantity consumed by electrolysis.

(b) At periodic intervals, an over-supply of alumina at a rate 'C', greater than the nominal rate 'CN' is commenced in order to enrich the alumina bath and continued for a preset time 't +'. During this period dR_1/dt is negative.

(c) The feed rate is reduced to a rate 'C-' less than the nominal feed rate 'CN'. The curve dR_1/dt passes through zero to become positive. The regulation parameter P, the value of which tends to rise, is measured often.

(d) The successive values of P are compared with a required preset Po. As soon as P = Po, the feed rate is returned to nominal feed rateCN, and a new cycle is recommenced at (a).

Compl. specn.23 pages. Drg. Nil

CLASS : 172-C_{27}, 9. 164907

Int. Cl. : D 01 g 15/36, 15/40, 15/46.

IMPROVEMENT IN A SYSTEM COMPRISING A FIBER TUFT FEEDER AND A CARDING MACHINE OPERATIVELY COUPLED TO THE SAME.

Applicant : TRUTZSCHLER GMBH & CO. KG., OF DUVENSTR, 82—92, D-4050, MONCHENGLADBACH 3, W. GERMANY.

Inventor : 1. GUNTER DUDA.

Application No. 518/Cal/86 filed July 11, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 Claims

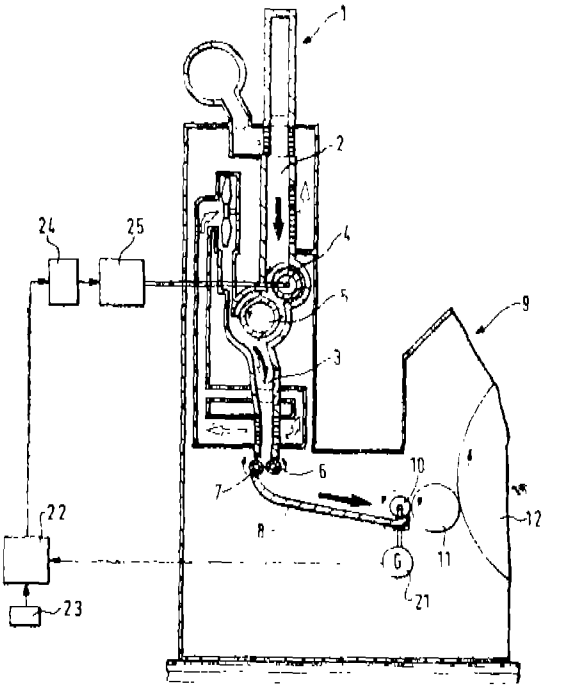
A system including a fiber tuft feeder and a carding machine operatively coupled to the fiber tuft feeder or receiving a fiber lap therefrom; the tuft feeder having a feed chute and a first feed roller advancing fiber tufts into the feed chute, and the carding machine having a second feed roller arranged for advancing the fiber lap and a differ situated downstream of said second feed roller, said second feed roller and said differ constituting card rollers, an rpm-variable motor drivingly connected to said first feed roller and an output amplifier forming part of said rpm-variable motor; and control means for controlling the operation of said first feed roller the improvement in said control means comprising

(a) an rpm measuring means connected to at least one of said card rollers for generating a first signal representing an aperational magnitude of said at least one card roller;

(b) signal generating means connected to an output of said rpm measuring means and arranged for generating a second signal as a function of said first signal;

(c) pressure sensing means for sensing pressure in said feed chute and for generating a third signal representing said pressure;

(d) a regulator connected to an output of said pressure sensing means and arranged for generating a fourth signal as a function of said third signal; and (c) an integrating means and an output of said regulator for receiving said second and fourth signals and being arranged for emitting fifth signal as a function of said second and fourth signals; said integrating device being connected to said output amplifier for applying said fifth signal thereto.



Compl. Specn. 12 pages. Drg. 3 sheets.

CLASS 164908

Int. Cl. : A 47 k 13/00.

TOILET SEAT MECHANISM AND THE TOILET SEAT ASSEMBLY HAVING THE SAME.

Applicant : DAVID SOLOMON, OF 52 GREGORY STREET, SOUTH COOGEE, NEW SOUTH WALES, AUSTRALIA.

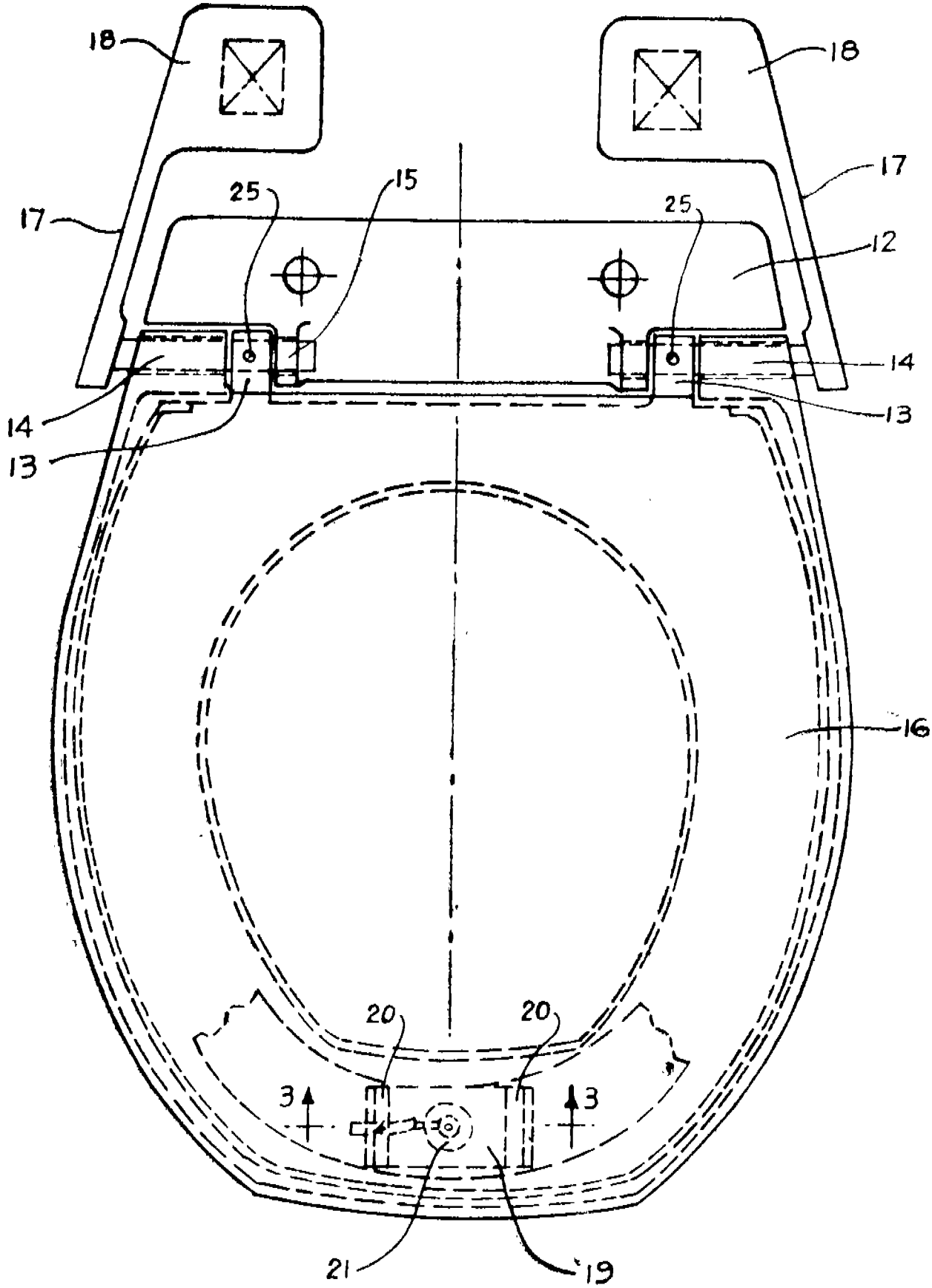
Application No. 543/Cal/1986 filed July 18, 1986.

Convension dated 22nd July, 1985 (PH 1573) Australia.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

13 Claims

A Toilet Seat Mechanism comprising a seat provided with mounting means for hinged mounting on a toilet bowl, means biasing said seat to its raised position and means releasably engaging the seat with the bowl for a predetermined time delay after release of other restraint on upward movement of the seat.



Specn. 9 pages.

Drg. 2 sheets.

CLASS : 164908

Int. Cl. : B 28 b 3/10; 1/08 & 1/10

PROCESS FOR PRODUCING ARTIFICIAL STONE.

Applicant : BELORUSSKY POLITEKHNICHESKY INSTITUT. OF MINSK, LENINSKY PROSPEKT. 65, U.S.S.R.

Inventors : 1. VALERY PAVLOVICH SAMTSOV, 2. IGOR MIKHAILOVICH LYASHKEVICH, 3. GALINA SOLOMONOVNA RAPTUNOVICH. 4. VIKENTY GRIGORIEVICH SUSHKEVICH, 5. GENNADY YAKOVLEVICH DANKO, 6. VIKTOR NIKOLAEVICH CHACHIN. 7. ALEXANDR VASILIEVICH STEPANENKO. 8. LEONID ALEXANDROVICH ISAEVICH.

Application No. 843/Cal/86 fied November 19, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 Claims

A process for producing an artificial stone by applying pressure to a raw mix on the basis of crystal hydrates, characterised in that prior to pressure treatment said raw mix is dispersed to obtain particles with size 0.003 to 0.007 mm, and then subjected to shock pressure increasing up to 250-2,000 MPa, at which plastic flow of the crystal hydrates occurs along with sintering thereof.

Compl. specn. 12 pages. Drg. Nil

CLASS : 55-D_2 164910

Int. Cl. : A 61 1 2/00.

PROCESS FOR PREPARING A STERILIZING AND DISINFECTING SOLUTION.

Applicant : SURGIKOS, INC., OF 2500 ARBROOK BOULEVARD, P.O. BOX 130, ARLINGTON, TEXAS 76010, UNITED STATES OF AMERICA.

Inventors : 1. JOSEPH MICHAEL ASCENZI, 2. NORMAN IRVING BRUCKNER, 3. MICHAEL DAVID GORDON.

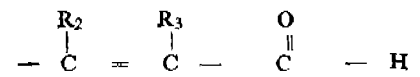
Application No. 953/Cal/86 filed December 29, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 Claims

A process for preparing sterilizing and disinfacting solution which comprises admixing from 0.3% to 6% by weight of glutaraldehyde and from 0.01% to 0.6% by weight of a conjugated monoaldehyde having a solubility of at least 0.01% in water and selected from the group consisting of :

(a) alkenals having 4 to 10 carbon atoms of the formula :



in which

R_1 is a hydrogen or saturated or unsaturated hydrocarbon radical having 1 to 3 carbon atoms or is phenyl, and R_2 and R_3 are either H or CH_3;

(b) benzaldehyde; and

(c) substituted benzaldehydes of the formula (1) of the accompanying drawings

where X and Y are H, OH, or a halogen, and Z is H, OH, CH_3, OCH_3, halogen or NO_2 and where Y and Z together may be $O.CH_2$-O and where OH groups are not on adjacent carbon atoms.

Compl. specn. 23 pages. Drg. 1 sheet

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Design Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class. 1. No. 160430. Goyal Trading Corporation, an Indian Partnership concern, 1496, Rani Bagh, Shakur Basti, Delhi-110034, India. "Burner (GAS)". 25th November, 1988.

Class. 1. Nos. 160708 & 160709. Sea-Hawk Marine & Allied Services Private Limited, (an Indian Company) at 237 P. D'mello Road, Gulab Building, Room No. 307, 3rd floor, Bombay-400 038, State of Maharashtra, India. "Sealing Device". 8th February, 1989.

Class. 1. No. 160781. India Metal Industries, (a registered Partnership firm) at Parekh Nagar, S. V. Road, Kandivali, (West) Bombay-400 067, State of Maharashtra, India. "Water Filter". 6th March, 1989.

Class. 1. No. 160846. Arawali Industries of 9, Industrial Area, Phase-1, Sheoganj-307027 (Rajasthan) India, a Registered Partnership Concer. "Cradle". 29th March, 1989.

Class. 3. No. 160455. Interlego A.G., a Swiss Company of Sihlbruggstrasse 3, CH-6340 Baar, Switzerland. a "Toy building Element". 29th November, 1988.

Class 3. No. 160473. Interlego A.G., a Swiss Company of Sihlbruggstrasse 3, CH-6340 Baar, Switzerland. a "Mast for a toy Ship". 29th November, 1988.

Class. 3. Nos. 160544 & 160545 & 160546. Diana Equipments Private Limited, (an Indian Company) at 13, Narayanbag, Indore-452 004, State of Madhya Pradesh, India. "Seat for a foot valve". 14th December, 1988.

Class. 3. No. 160656. Samsonite Corporation, a corporation organised under the laws of the State of Delaware, United States of America, of 11200 East 45th Avenue Denver, Colorado 80239, United States of America. "a Handle for Suitcase". 18th January, 1989.

Class 3 Nos. 160695 & 160696. L. V. Sham Cottage Industries, 2292/2, Inside Gate Hakiman, Amritsar-133001, Punjab State, India, Indian Partnership firm. "Torch". 1st February, 1989.

Class. 4. No. 160621. Sri Baidyanath Glass Works (P) Ltd., of 34A, Metcalfe Street, Calcutta-700 013, West Bengal, India, an Indian Company. "Lantern Chimney". 4th January, 1989.

Copyright Extended for the Second period of five years.

Nos. 154557, 154163, 154206, 154246, 154008, 154974, 154007..... Class-1.

Nos. 154389, 153909, 154978.... Class-3.

Copyright Extended for the Third period of five years.

Nos. 154008, 154007.... Class-1.

No. 154978.... Class-3.

B. M. MAHAPATRA
Dy. Controller of Patents & Designs

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